AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph [022] with the following amended paragraph:

[022]   The data processing system 100 may be coupled via bus 202 to a display 212, such as a cathode ray tube (CRT) or liquid crystal display (LCD), for displaying information to an operator. An input device 214, including alphanumeric and other keys, is coupled to bus 202 for communicating information and command selections to processor 204. Another type of user input device is cursor control 216, such as a mouse, a trackball, or cursor direction keys and the like for communicating direction information and command selections to processor ~~804~~ 204 and for controlling cursor movement on display 212.

Please replace paragraph [032] with the following amended paragraph:

[032]   FIG. 2 shows a snapshot of an exemplary user interface ~~30~~ of the diagnostic system 10. The user interface ~~30~~ has a series of icons ~~31-35, respectively~~ designated "Vehicle Identification" and "Test/Analysis." When the Vehicle Identification icon is selected, the diagnostic system 10 presents the user with a number of questions or fields, such as model year, make, model name, engine size and the like, each field presenting the user with a menu of unique values from within that field from which the user may select to identify the vehicle under diagnosis.

Please replace paragraph [033] with the following amended paragraph:

[033]   Once the vehicle is identified, the user is able to begin diagnosis by selecting the Test/Analysis icon 32, the diagnostic system 10 brings up a screen display 39 as shown in ~~FIG. 3~~ FIG. 2. A list of symptoms 40 related to the vehicle under diagnosis is displayed in

the foreground in the screen display 39. The list of symptoms 40 presented to the user is representative of industry symptom diagnosis and supports the majority of drivability complaints.

Please replace paragraph [041] with the following amended paragraph:

[041]   FIG. 3 is a flow chart illustrating the operation of the diagnostic system 10. In step 50, the user enters vehicle identification information and selects the Test/Analysis icon, which brings up a screen as shown in FIG. 3. In Step 51, the diagnostic system 10 accesses the appropriate database and displays a list of faults corresponding to the vehicle under diagnosis to the user as shown in FIG. 3. The user then selects one or more faults (Step ~~522~~ 52). In response, the diagnostic system 10 accesses the database with the selected faults, and retrieves information related to applicable causes and related test procedures (step 53). If only one fault is selected, the diagnostic system 10 sorts the list of possible causes by their respective ranks and presents the list to the user along with tests which have been previously performed (Step 56). If more than one fault was selected, the diagnostic system 10 applies a ranking algorithm for each cause/test and presents the list of possible cause/test to the user (Steps 56 and 57). In Steps 58, the user selects a test to be performed. In response, the diagnostic system 10 performs the selected test process (Step 59). In step 60, the user indicates, using an appropriate icon, whether the test identified the cause of the fault. If the selected test effectively isolates the cause of the symptom or symptoms, the diagnostic system 10 stores data related to the effective test in a database (Step 62). The user is then prompted whether testing should continue (Step 63). If so, the last test performed is again highlighted (Step 61); if not, the diagnostic system 10 exits the fault testing mode (Step 64).

Please replace paragraph [063] with the following amended paragraph:

[063]   Other information can also be embedded in the license code to increase system security. The expert service system 50 may allow a diagnostic system 10 to access the service data even if the diagnostic system is without a unique product code. The diagnostic system 10 will be asked to download an installation program. The installation program, when executed, accesses the controller of a hard disk installed on the diagnostic system and obtains a serial number of the hard disk. The installation program then generates a unique ID based on the serial number of the hard disk. The unique ID is treated as a product code as described above and sent to the expert service system 50. After the user is properly licensed, the unique ID is used to generate an activation code or license code as discussed above.